

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2011 Levee Inspection Results****Reclamation District No. 0501 Ryer Island**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway			Bank	Unit Miles
Unit No. 01 Steamboat Slough			Right	6.76

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/19/2011 - 4/19/2011			
DWR Inspector	Herman Phillips			
Accompanied By	Dick Taylor Reclamation District 501			
	Dick Taylor			
	Dick Taylor			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough							Right	6.76	04/19/2011 04/19/2011	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.230288 ° 38.230288 °	-121.603781 ° -121.603781 °	1 Y
2	0.03	0.06	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.254011 ° -121.601810 °	38.253547 ° -121.602264 °	2
3	0.04	0.07	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.230288 ° 38.253518 °	-121.603781 ° -121.602252 °	4
4	0.05	0.06	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.253710 ° -121.602098 °	38.253608 ° -121.602200 °	962 Y
5	0.13	0.24	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The District trimmed the fig trees less than 2-inches instead of removing them completely from the levee. If the tree is less than 2-inches it can be removed from the levee. The fig trees should not be on the levee anyway.	38.252764 ° -121.602715 °	38.251251 ° -121.603084 °	3 Y
6	0.13	0.37	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.252658 ° -121.602835 °	38.249205 ° -121.603128 °	67
7	0.26	0.28	Earthen Levee	Trim / Thin Trees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: There is a thick growth of fig trees that should be removed from levee section that blocks the view of the levee slope.	38.250927 ° -121.603107 °	38.250610 ° -121.603111 °	5 Y
8	0.30	0.35	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.250261 ° -121.603126 °	38.249562 ° -121.603105 °	6
9	0.51	0.51	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.247310 ° 121.602876 °	38.247310 ° -121.602876 °	963
10	0.54	0.54	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.246707 ° -121.602925 °	38.246707 ° -121.602925 °	69
11	0.55	0.55	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.246798 ° -121.602872 °	38.246798 ° -121.602872 °	7
12	0.59	2.46	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.246055 ° -121.602880 °	38.219769 ° -121.604344 °	30
13	0.66	0.70	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.245010 ° -121.602955 °	38.244523 ° -121.602940 °	18
14	0.67	0.67	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.244962 ° -121.602950 °	38.244962 ° -121.602950 °	967
15	0.68	0.70	Earthen Levee	Encroachments	LS	PO	Landscaping	38.244926 ° -121.602901 °	38.244541 ° -121.602938 °	8
16	0.69	1.20	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.244667 ° -121.602967 °	38.237470 ° -121.604418 °	71

**\* Location**

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WS : Waterside  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough							Right	6.76	04/19/2011 04/19/2011	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
17	0.70	0.75	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.244540 ° -121.602937 °	38.243835 ° -121.603057 °	10
18	0.75	0.94	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: There is wild berries growing on levee slope and toe that blocks the view of the levee.	38.243835 ° -121.603057 °	38.241204 ° -121.603568 °	9 Y
19	1.00	1.17	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.240333 ° -121.603863 °	38.237953 ° -121.604482 °	969
20	1.22	1.86	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.237268 ° -121.604424 °	38.228141 ° -121.604157 °	12
21	1.31	2.16	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.235877 ° -121.604325 °	38.223788 ° -121.603603 °	970
22	1.55	1.74	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Took 1 photo of the wild growth of berries. On slope and toe. 100-0656 7/7.	38.232531 ° -121.603485 °	38.229930 ° -121.603892 °	13 Y
23	2.04	2.10	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.225500 ° -121.603887 °	38.224738 ° -121.603750 °	26
24	2.24	2.29	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.222758 ° -121.603348 °	38.222030 ° -121.603303 °	27
25	2.36	2.37	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.221045 ° -121.603584 °	38.220902 ° -121.603631 °	964
26	2.38	3.76	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.220732 ° -121.603734 °	38.202810 ° -121.613523 °	31
27	2.44	4.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.219976 ° -121.604168 °	38.197748 ° -121.616084 °	14
28	2.55	2.60	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.218470 ° -121.605105 °	38.217875 ° -121.605532 °	32
29	2.67	2.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.217030 ° -121.606303 °	38.216408 ° -121.607057 °	34
30	2.84	3.31	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.215112 ° -121.608273 °	38.208925 ° -121.611162 °	36
31	2.92	2.97	Earthen Levee	Encroachments	LS	PO	Landscaping	38.214235 ° -121.608993 °	38.213547 ° -121.609527 °	37
32	3.20	3.24	Earthen Levee	Encroachments	LS	PO	Landscaping	38.210429 ° -121.610503 °	38.209974 ° -121.610703 °	15
33	3.27	3.33	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.209548 ° -121.610882 °	38.208632 ° -121.611275 °	41

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough							Right	6.76	04/19/2011 04/19/2011	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
34	3.34	3.36	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level. Inspector Comments: The District need to do a better job in controlling the wild growth of trees on the levee section.	38.208468 ° -121.611348 °	38.208292 ° -121.611437 °	43 Y
35	3.55	5.08	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.205654 ° -121.612549 °	38.194993 ° -121.631661 °	28
36	3.60	3.66	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.204983 ° -121.612868 °	38.204227 ° -121.613045 °	47
37	3.74	3.76	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202997 ° -121.613447 °	38.202730 ° -121.613520 °	49
38	3.76	3.80	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202820 ° -121.613498 °	38.202197 ° -121.613732 °	50
39	3.76	3.80	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.202812 ° -121.613495 °	38.202213 ° -121.613733 °	51
40	3.76	4.16	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.202818 ° -121.613545 °	38.197492 ° -121.616342 °	79
41	3.77	4.14	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202657 ° -121.613553 °	38.197778 ° -121.616080 °	974
42	3.80	4.14	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth of berries 3-5 foot tall from shoulder to toe of slope. Two photos taken.	38.202193 ° -121.613735 °	38.197748 ° -121.616083 °	16 Y
43	4.00	4.07	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.198350 ° 38.197710 °	-121.615500 ° -121.616110 °	11 Y
44	4.07	4.08	Earthen Levee	Vegetation	WS	U	Control annual grass and weeds on the levee slopes and easements.	38.198161 ° -121.615768 °	38.198031 ° -121.615851 °	35 Y
45	4.18	4.24	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.197277 ° -121.616550 °	38.196657 ° -121.617286 °	17
46	4.18	4.37	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.197254 ° -121.616522 °	38.195576 ° -121.619088 °	29
47	4.41	4.41	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.195332 ° -121.619749 °	38.195310 ° -121.619801 °	19
48	4.98	4.99	Earthen Levee	Encroachments	LS	M	Equipment	38.195057 ° -121.629965 °	38.195068 ° -121.630173 °	977
49	5.36	5.36	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.193346 ° -121.636419 °	38.193346 ° -121.636419 °	25
50	5.42	5.46	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.192878 ° -121.637332 °	38.192588 ° -121.637802 °	978
51	5.75	5.79	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.190590 ° -121.642468 °	38.190246 ° -121.643164 °	24

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Steamboat Slough						Right	6.76	04/19/2011 04/19/2011	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
52	5.92	6.21	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.188929 ° -121.644645 °	38.185941 ° -121.648359 °	20
53	5.93	5.93	Earthen Levee	Encroachments	WS	U	Pipe Inspector Comments: The land owner has started installing a new pipe and pump at this location without a permit. He has been given instruction to stop all work until a permit is issued. The District has instructed him to get permit.	38.193329 ° -121.636872 °	38.193329 ° -121.636872 °	33 Y
54	6.53	6.73	Earthen Levee	Encroachments	WS	PO	Fences	38.184540 ° -121.653865 °	38.183924 ° -121.657321 °	21
55	6.53	6.73	Earthen Levee	Encroachments	WS	PO	Landscaping	38.184539 ° -121.653865 °	38.183923 ° -121.657321 °	22
56	6.63	6.67	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.184136 ° -121.655762 °	38.184040 ° -121.656291 °	23

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Rd 501 Levee mile 0.00 land side looking downstream from Unit 1, wild growth of walnut trees on slope. Photo taken 11-03-2010

phillips\_s\_20110228\_053.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 501 Levee mile 0.00 looking downstream from water side. View of wild berries on slope and shoulder. Photo taken 11-03-2010

phillips\_s\_20110228\_054.jpg



Levee Mile Report Line	4
Start Levee Mile	0.05
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Photo show wild growth of fog trees on shoulder and slope of levee, not able to see the levee slope at all. Photo taken 11-03-2010

phillips\_s\_20110228\_062.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.13
End Levee Mile	0.24
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 0.13: District need to remove the Fig trees from levee section on the land side, not trim them up like shown in this photo. All these shown here are less than 2-inches in diameter.

phillips\_s\_20110228\_055.jpg



Levee Mile Report Line	7
Start Levee Mile	0.26
End Levee Mile	0.28
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

This is a view of unsatisfactory Fig growth on the levee section land side looking downstream from levee mile 0.26 to 0.28. This photo was taken 11-03-2010 No change since last inspection.

phillips\_s\_20110228\_056.jpg



Levee Mile Report Line	7
Start Levee Mile	0.26
End Levee Mile	0.28
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

New photo of unsatisfactory tree growth on levee miles 0.26-0.28 looking upstream from the landside shoulder. Photo taken 4-19-11.

phillips\_s\_20110425\_271.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

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Unit No. 01 Steamboat Slough	Right	6.76	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	18
Start Levee Mile	0.75
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The berries here completely block the view of the levee section. Standing at levee mile 0.75 looking downstream to levee mile 0.94. Photo taken 11-03-2010

phillips\_s\_20110228\_057.jpg



Levee Mile Report Line	22
Start Levee Mile	1.55
End Levee Mile	1.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 1.55 looking downstream landside slope is covered with wild berries. Taken 11-03-2010

phillips\_s\_20110228\_059.jpg



Levee Mile Report Line	22
Start Levee Mile	1.55
End Levee Mile	1.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation

New photo of unsatisfactory growth at levee mile 1.55 looking downstream to levee mile 1.74 landside Unit 1. Photo taken 4-19-11.

phillips\_s\_20110425\_272.jpg



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Levee Mile Report Line	22
Start Levee Mile	1.55
End Levee Mile	1.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Another view of the unsatisfactory growth on landside slope. Photo taken 4-19-11.

phillips\_s\_20110425\_273.jpg



Levee Mile Report Line	34
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth of trees on the landward shoulder and slope on levee. Standing at levee mile 3.34 looking downstream to levee mile 3.36.

phillips\_s\_20110228\_061.jpg



Levee Mile Report Line	34
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Standing on levee mile 3.34 looking downstream towards levee mile 3.36 landward of Unit 1 RD 501 at the unsatisfactory wild growth on the levee slope. Photo taken 4-19-11

phillips\_s\_20110425\_268.jpg



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Unit No. 01 Steamboat Slough	Right	6.76	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	34
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Another photo of the unsatisfactory growth on levee slope from levee mile 3.34 to 3.36. Photo taken 4-19-11.

phillips\_s\_20110425\_269.jpg



Levee Mile Report Line	42
Start Levee Mile	3.80
End Levee Mile	4.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This section here shows that the berry vines are taller than the cab of the truck, you can't see the slope or toe because of the wild growth.

phillips\_s\_20110228\_060.jpg



Levee Mile Report Line	42
Start Levee Mile	3.80
End Levee Mile	4.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation

New photo of unsatisfactory growth landward levee mile 3.80-4.14 photo taken 4-19-11.

phillips\_s\_20110425\_270.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
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N : Not Inspected/Rated

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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2011

### Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	43
Start Levee Mile	4.00
End Levee Mile	4.07
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking downstream from levee mile 4.00 waterside sand willows block view of slope. 11-03-2010

phillips\_s\_20110228\_058.jpg



Levee Mile Report Line	43
Start Levee Mile	4.00
End Levee Mile	4.07
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking downstream at waterside unsatisfactory growth on the levee slope. No change from fall inspection. Photo taken 4-19-11.

phillips\_s\_20110425\_274.jpg



Levee Mile Report Line	44
Start Levee Mile	4.07
End Levee Mile	4.08
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking downstream of levee mile 4.07 RD 501 at the unsatisfactory growth on waterside slope and shoulder. This photo was taken 4-19-2011

phillips\_s\_20110509\_277.jpg



**\* Location**

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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	53
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Photo of unauthorized pipe, pump and electrical box placed on waterward slope.

phillips\_s\_20110425\_275.jpg



Levee Mile Report Line	53
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Another view of the unauthorized pipe. At levee mile 5.93. Unit 1 RD 501. Photo taken 4-19-11.

phillips\_s\_20110425\_276.jpg



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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 02 Cache Slough	Left	3.57

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/19/2011 - 4/19/2011			
DWR Inspector	Herman Phillips			
Accompanied By	Dick Taylor RD 501			
	Dick Taylor RD 501			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough							Left	3.57	04/19/2011 04/19/2011	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	°	°	7
								°	°	Y
2	0.00	0.00	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	°	°	9
								°	°	Y
3	0.00	0.08	Earthen Levee	Encroachments	WS	PO	Fences	38.184050 ° -121.657713 °	38.185178 ° -121.658515 °	2
4	0.00	0.29	Earthen Levee	Encroachments	WS	CO	Landscaping	38.184053 ° -121.657713 °	38.188020 ° -121.658045 °	1
5	0.44	0.44	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.207621 ° -121.656219 °	38.207621 ° -121.656219 °	13
										Y
6	0.53	0.53	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.191117 ° -121.656468 °	38.191170 ° -121.656437 °	11
7	1.03	1.03	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	38.198153 ° -121.655614 °	38.198153 ° -121.655614 °	10
										Y
8	1.07	1.11	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.198602 ° -121.655605 °	38.199148 ° -121.655490 °	8
9	1.13	1.17	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 3 ft berm, 2:1 slope, holes and slumping, clays and cobbles, 10.9 ft/s [2009 SiteID:CHS_15-9_L]	38.200147 ° -121.655639 °	38.199531 ° -121.655836 °	20
										Y
10	1.98	3.02	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.226175 ° -121.604013 °	38.212626 ° -121.609959 °	3
11	1.98	3.02	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.207621 ° -121.656219 °	38.220184 ° -121.670834 °	5
12	2.92	2.93	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.218890 ° -121.669934 °	38.218997 ° -121.669988 °	4
13	3.07	3.45	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.221193 ° -121.671443 °	38.222393 ° -121.671994 °	6
14	3.43	3.43	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.225823 ° -121.672837 °	38.225823 ° -121.672837 °	16
15	3.44	3.44	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.225987 ° -121.672870 °	38.225987 ° -121.672870 °	18

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

New photo of Unit 2 landside levee mile 0.00 looking downstream of RD 501. Photo taken 4-19-11.

phillips\_s\_20110427\_277.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

New photo of waterside looking downstream from levee mile 0.00. Photo taken 4-19-11.

phillips\_s\_20110427\_278.jpg



Levee Mile Report Line	5
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing on land side looking down stream from levee mile 0.44 RD 501 Unit 2. Taken 11-03-2010

phillips\_s\_20110228\_063.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Water side from levee mile 0.44 looking downstream Unit 2 RD 501. Taken 11-03-2010

phillips\_s\_20110228\_064.jpg



Levee Mile Report Line	7
Start Levee Mile	1.03
End Levee Mile	1.03
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Down at the base of the tree and the stake in view is bank erosion. This site was discovered 2-11 by Resident of the Hester property on the landside of the levee. The District has placed material in the eroded area however more is needed. Photo was taken 4-19-11.

phillips\_s\_20110427\_279.jpg



Levee Mile Report Line	9
Start Levee Mile	1.13
End Levee Mile	1.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: 3 ft berm, 2:1 slope, holes and slumping, clays and cobbles, 10.9 ft/s [2009 SiteID:CHS\_15-9\_L]

phillips\_s\_20110228\_065.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 03 Miner Slough	Left	7.82

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/19/2011 - 4/19/2011			
DWR Inspector	Herman Phillips			
Accompanied By	MR. Dick Taylor RD 501			
	Dick Taylor R D 501			

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough							Left	7.82	04/19/2011 04/19/2011	Herman Phillips
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There are some sections on the land side where the District has sprayed and some mowing, more is needed.	° °	° °	2 Y
2	0.00	0.00	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	° °	° °	4 Y
3	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	° °	° °	1 Y
4	1.57	1.57	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.246660 ° -121.688600 °	38.666000 ° -121.690000 °	43
5	1.74	1.75	Earthen Levee	Cracking	CR	C	Monitor and have inspected by geotechnical engineer. Inspector Comments: The District's Road Department has made the necessary repairs to the crown roadway. This was contracted out. 2011.	38.247300 ° -121.658142 °	38.247377 ° -121.657997 °	10
6	2.60	2.75	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level. Inspector Comments: Photo 14/14 100-0672 w/s trees. Levee mile 2.60	38.257445 ° -121.651437 °	38.258759 ° -121.651449 °	3
7	2.65	2.77	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: took two photos 15/16 100-0673 16/16 100-0674.	38.257278 ° -121.651417 °	38.259067 ° -121.651462 °	16 Y
8	3.52	3.55	Earthen Levee	Trim / Thin Trees	WS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: photo 17/17 100-0675 l/m 3.52	38.265523 ° -121.642537 °	38.265778 ° -121.642243 °	21 Y
9	3.62	3.90	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.266655 ° -121.641495 °	38.270148 ° -121.641530 °	46
10	3.69	3.70	Earthen Levee	Trim / Thin Trees	LS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Wild growth has completely covered the slope on landside. There need to be some brush removal to see slope.	38.267485 ° -121.640667 °	38.267578 ° -121.640507 °	22 Y
11	3.71	3.73	Earthen Levee	Encroachments	LS	PO	Buildings	38.267642 ° -121.640452 °	38.267907 ° -121.640327 °	23
12	4.06	4.16	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.272307 ° -121.641668 °	38.273723 ° -121.641085 °	47
13	5.57	5.75	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District in process of burning both water side and land side of the remainder of this unit working their way to unit 4.	38.289092 ° -121.643378 °	38.289662 ° -121.640412 °	27

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough						Left	7.82	04/19/2011 04/19/2011	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
14	6.43	6.52	Earthen Levee	Trim / Thin Trees	WS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: 19/19 100-0677 l/m 6.35 waterside.trees. 6.52 end.	38.290750 ° -121.628772 °	38.290268 ° -121.627285 °	6 Y
15	7.65	7.65	Earthen Levee	Encroachments	LS	PO	Landscaping	38.286785 ° -121.608583 °	38.286785 ° -121.608583 °	40
16	7.67	7.69	Earthen Levee	Encroachments	LS	PO	Landscaping	38.286653 ° -121.608398 °	38.286342 ° -121.608183 °	33

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

New photo of Unit 3 levee mile 0.00 looking downstream of the landside of RD 501. Photo taken 4-19-11.

phillips\_s\_20110427\_280.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

New photo of waterside levee mile 0.00 looking downstream. Photo taken 4-19-11.

phillips\_s\_20110427\_281.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 0.00 Unit 3 looking downstream on land side. Taken 11-03-2010

phillips\_s\_20110228\_066.jpg



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CR : Crown

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C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing on waterside levee slope Unit 3 RD 501  
Levee mile 0.00 looking downstream at levee.  
Taken 11-03-2010

phillips\_s\_20110228\_067.jpg



Levee Mile Report Line	7
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

2.65 looking upstream from downstream end  
waterside.

phillips\_s\_20110228\_070.jpg



Levee Mile Report Line	7
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking upstream from levee mile 2.77.

phillips\_s\_20110228\_071.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2011

### Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking downstream form Levee mile 3.52 wild growth has overtaken slope on waterside. Taken 11-03-2010

phillips\_s\_20110228\_072.jpg



Levee Mile Report Line	8
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 3.52 standing on waterside looking upstream wild growth. Photo taken 11-03-2010

phillips\_s\_20110228\_073.jpg



Levee Mile Report Line	8
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 3.55 land side tree growth on slope, you can't see the slope for wild growth. These trees has not been trimmed. Photo taken 11-03-2010

phillips\_s\_20110228\_074.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
New photo of waterside levee mile 3.52 to 3.55 looking downstream. Photo taken 4-19-11.	
phillips_s_20110427_282.jpg	



Levee Mile Report Line	10
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 3.69 tree growth has blocked view of levee on the land side.	
phillips_s_20110228_075.jpg	



Levee Mile Report Line	10
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking downstream from 3.70 tall growth continues down stream from this point. Taken 11-03-2010	
phillips_s_20110228_076.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	10
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 3.69 to 3.70 new photo of the unsatisfactory growth on the landside levee slope. Photo taken 4-19-11.

phillips\_s\_20110427\_283.jpg



Levee Mile Report Line	14
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 6.43 water side the wild growth blocks view of water ward slope, looking downstream. You can't see the levee section for the wild growth.

phillips\_s\_20110228\_068.jpg



Levee Mile Report Line	14
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Wild growth continues downstream, levee section blocked by growth.

phillips\_s\_20110228\_069.jpg



**\* Location**

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WS : Waterside  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
New photo of waterside unsatisfactory growth levee mile 6.43 to 6.55 looking downstream. Photo taken 4-19-11.	
phillips_s_20110427_284.jpg	

**\* Location**

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WS : Waterside  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway			Bank	Unit Miles
Unit No. 04 Sutter Slough			Right	2.33

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/19/2011 - 4/19/2011			
DWR Inspector	Herman Phillips			
Accompanied By	None None			
	Dick Taylor			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 04 Sutter Slough						Right	2.33	04/19/2011 04/19/2011	Herman Phillips	
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	°	°	18
								°	°	Y
2	0.00	0.00	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	°	°	19
								°	°	Y
3	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.285591 ° -121.606317 °	38.285591 ° -121.606317 °	5 Y
4	0.02	0.02	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.254025 ° -121.601752 °	38.254025 ° -121.601752 °	25
5	0.50	1.15	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.263086 ° -121.601883 °	38.270839 ° -121.604413 °	3 Y
6	0.79	0.79	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.275540 ° -121.602223 °	38.275473 ° -121.602248 °	4
7	1.01	1.01	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.272733 ° -121.603940 °	38.272700 ° -121.603953 °	7
8	1.21	1.34	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District need to remove the wild berries from the levee section	38.263086 ° 121.601883 °	38.268178 ° 121.603763 °	1
9	1.26	1.27	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.269173 ° -121.604218 °	38.269050 ° -121.604170 °	9
10	1.50	1.56	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.265997 ° -121.602758 °	38.265233 ° -121.602510 °	26
11	1.63	1.63	Earthen Levee	Encroachments	WS	M	Garbage	38.264223 ° -121.602140 °	38.264223 ° -121.602140 °	6
12	1.66	1.80	Earthen Levee	Vegetation	LS	U	Control annual grass and weeds on the levee slopes and easements.	38.263587 ° -121.602016 °	38.261586 ° -121.601586 °	10 Y
13	1.67	1.76	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.263565 ° -121.602013 °	38.262287 ° -121.601722 °	12
14	1.84	1.87	Earthen Levee	Trim / Thin Trees	LS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The District needs to remove the fig trees from levee section or thin them out in order for inspection of levee section. The young oak trees shown in the photo should be remove before they mature into large trees.	38.261142 ° -121.601542 °	38.260653 ° -121.601435 °	14 Y
15	1.84	1.85	Earthen Levee	Encroachments	LS	PO	Landscaping	38.261283 ° -121.601488 °	38.261032 ° -121.601635 °	8
16	2.05	2.11	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.258276 ° -121.600798 °	38.263086 ° 121.601883 °	2 Y

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough						Right	2.33	04/19/2011 04/19/2011	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	2.18	2.20	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.256275 ° -121.600933 °	38.255990 ° -121.601015 °	13
18	2.21	2.32	Earthen Levee	Encroachments	LS	CO	Landscaping	38.255877 ° -121.601057 °	38.254382 ° -121.601498 °	16

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

New photo of unit 4 RD 501 levee mile 0.00 looking downstream. Photo taken 4-19-11.

phillips\_s\_20110427\_287.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Standing on the waterside levee mile 0.00 Unit 4 RD 501 looking downstream. Photo taken 4-19-11

phillips\_s\_20110427\_288.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing upstream of levee mile 0.00 landside looking downstream of Unit 4 RD 501. Photo taken 11-04-2010

phillips\_s\_20110228\_081.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.50
End Levee Mile	1.15
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream land side wild growth taking over the slope continuing onward downstream to levee mile 1.15

phillips\_s\_20110228\_079.jpg



Levee Mile Report Line	5
Start Levee Mile	0.50
End Levee Mile	1.15
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing upstream of levee mile 1.15 Unit 4 RD 501 landside looking downstream at wild growth of Horse Tail on levee slope. You can't see the slope for the growth. Taken 11-03-2010

phillips\_s\_20110228\_080.jpg



Levee Mile Report Line	12
Start Levee Mile	1.66
End Levee Mile	1.80
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 1.66 landside wild growth to levee mile 1.80 unsatisfactory. Photo taken 4-19-11.

phillips\_s\_20110427\_285.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 1.84 looking downstream landside oak tree growth cover slope from hinge point to toe as seen in this photo.

phillips\_s\_20110228\_082.jpg



Levee Mile Report Line	14
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking back upstream from landside the fig trees has not been maintained, they block the shoulder and slope of the levee section as well as hanging over the levee.

phillips\_s\_20110228\_083.jpg



Levee Mile Report Line	14
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

New photo of unsatisfactory growth landside levee mile 1.84. Photo taken 4-19-11.

phillips\_s\_20110427\_289.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	04/19/2011 04/19/2011	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	2.05
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Standing up stream of levee mile 2.05 looking downstream at unsatisfactory growth of wild berries on landside slope toe and shoulder of levee section. Taken 11-03-2010

phillips\_s\_20110228\_077.jpg



Levee Mile Report Line	16
Start Levee Mile	2.05
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Downstream view of the wild growth of berries on the landside slope unit 4 RD 501, levee mile 2.11. This wild makes impossible to inspect the levee slope. Taken 11-03-2010

phillips\_s\_20110228\_078.jpg



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WS : Waterside  
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